

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062322\
 Data File : VY009286.D
 Acq On : 23 Jun 2022 11:34
 Operator : KP/MD
 Sample : VY0623SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0623SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/28/2022
 Supervised By :Mahesh Dadoda 06/28/2022

Quant Time: Jun 24 09:21:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 14:08:27 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	175527	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	284877	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	250532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	122979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	92741	48.108	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.220%		
35) Dibromofluoromethane	7.710	113	93650	50.761	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.520%		
50) Toluene-d8	10.179	98	341848	48.234	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.460%		
62) 4-Bromofluorobenzene	12.477	95	124058	49.815	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.620%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	27815	21.628	ug/l	99
3) Chloromethane	2.107	50	31279	19.818	ug/l	91
4) Vinyl Chloride	2.247	62	35183	20.069	ug/l	98
5) Bromomethane	2.631	94	23878	19.533	ug/l	99
6) Chloroethane	2.784	64	19185	16.437	ug/l	91
7) Trichlorofluoromethane	3.119	101	51209	18.402	ug/l	90
8) Diethyl Ether	3.528	74	21109	20.657	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.893	101	39428	22.283	ug/l	95
10) Methyl Iodide	4.082	142	44405	20.549	ug/l	90
11) Tert butyl alcohol	4.936	59	41307	151.788	ug/l #	93
12) 1,1-Dichloroethene	3.863	96	35792	21.285	ug/l	84
13) Acrolein	3.723	56	5506	79.361	ug/l	100
14) Allyl chloride	4.472	41	66456	22.001	ug/l	91
15) Acrylonitrile	5.155	53	57904	101.609	ug/l	98
16) Acetone	3.942	43	52062	109.305	ug/l	97
17) Carbon Disulfide	4.186	76	90842	19.446	ug/l	100
18) Methyl Acetate	4.472	43	32896	22.539	ug/l	96
19) Methyl tert-butyl Ether	5.210	73	109845	21.732	ug/l	94
20) Methylene Chloride	4.710	84	48675	15.819	ug/l	92
21) trans-1,2-Dichloroethene	5.210	96	42415	21.284	ug/l	91
22) Diisopropyl ether	6.119	45	140995	22.205	ug/l	94
23) Vinyl Acetate	6.051	43	414171	106.237	ug/l #	95
24) 1,1-Dichloroethane	6.009	63	78627	21.875	ug/l	98
25) 2-Butanone	6.984	43	78852	102.514	ug/l #	90
26) 2,2-Dichloropropane	6.972	77	74056	21.916	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	51296	21.955	ug/l	89
28) Bromochloromethane	7.326	49	30074	19.392	ug/l #	86
29) Tetrahydrofuran	7.344	42	50620	103.919	ug/l	94
30) Chloroform	7.502	83	79884	21.591	ug/l	97
31) Cyclohexane	7.777	56	70018	20.924	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	70476	21.819	ug/l	96
36) 1,1-Dichloropropene	7.911	75	59695	21.261	ug/l	97
37) Ethyl Acetate	7.070	43	32952	19.408	ug/l #	92
38) Carbon Tetrachloride	7.899	117	62159	21.291	ug/l	94
39) Methylcyclohexane	9.179	83	74024	21.487	ug/l	96
40) Benzene	8.155	78	177131	21.325	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	19383m	20.591	ug/l	
42) 1,2-Dichloroethane	8.234	62	50569	21.217	ug/l	91
43) Isopropyl Acetate	8.271	43	63061	20.269	ug/l #	93
44) Trichloroethene	8.935	130	51040	21.820	ug/l	99
45) 1,2-Dichloropropane	9.216	63	45886	21.443	ug/l	98
46) Dibromomethane	9.301	93	25204	20.712	ug/l	95
47) Bromodichloromethane	9.496	83	61571	21.308	ug/l	95
48) Methyl methacrylate	9.289	41	26191	19.206	ug/l #	86
49) 1,4-Dioxane	9.289	88	6809	389.391	ug/l	92
51) 4-Methyl-2-Pentanone	10.069	43	163219	100.859	ug/l	92
52) Toluene	10.240	92	112042	21.339	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	64759	21.554	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	73505	21.494	ug/l	90
55) 1,1,2-Trichloroethane	10.642	97	36794	21.542	ug/l	98
56) Ethyl methacrylate	10.508	69	47574	21.056	ug/l #	82
57) 1,3-Dichloropropane	10.788	76	61009	20.874	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	98698	101.825	ug/l	96
59) 2-Hexanone	10.831	43	112618	102.830	ug/l	90
60) Dibromochloromethane	10.983	129	43905	21.077	ug/l	100
61) 1,2-Dibromoethane	11.087	107	33661	20.213	ug/l	97
64) Tetrachloroethene	10.715	164	53690	22.212	ug/l	94
65) Chlorobenzene	11.514	112	123218	21.832	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	46211	22.394	ug/l	98
67) Ethyl Benzene	11.593	91	217023	22.188	ug/l	99
68) m/p-Xylenes	11.703	106	172300	44.892	ug/l	93
69) o-Xylene	12.026	106	82544	22.615	ug/l	90
70) Styrene	12.044	104	135551	22.394	ug/l	95
71) Bromoform	12.209	173	26023	20.402	ug/l #	97
73) Isopropylbenzene	12.331	105	217257	22.518	ug/l	99
74) N-amyl acetate	12.142	43	53083	20.598	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	39367	21.445	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	30276m	20.999	ug/l	
77) Bromobenzene	12.605	156	50156	21.402	ug/l	94
78) n-propylbenzene	12.672	91	264466	22.750	ug/l	97
79) 2-Chlorotoluene	12.758	91	146809	22.421	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	183246	22.878	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	14373	21.137	ug/l	86
82) 4-Chlorotoluene	12.855	91	153409	22.462	ug/l	99
83) tert-Butylbenzene	13.075	119	161586	23.133	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	180414	22.986	ug/l	98
85) sec-Butylbenzene	13.251	105	241291	23.076	ug/l	99
86) p-Isopropyltoluene	13.367	119	199848	22.995	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	100355	22.154	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	101887	22.417	ug/l	97
89) n-Butylbenzene	13.696	91	188242	23.258	ug/l	98
90) Hexachloroethane	13.959	117	37890	22.984	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	90647	22.273	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6383	19.522	ug/l	83
93) 1,2,4-Trichlorobenzene	15.007	180	55434	22.263	ug/l	98
94) Hexachlorobutadiene	15.111	225	32291	24.104	ug/l	98
95) Naphthalene	15.239	128	109300	21.882	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	49109	23.076	ug/l	98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

